

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

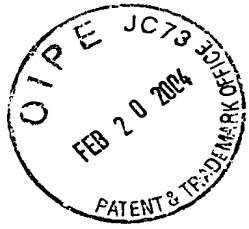


Fig. 1a (PRIOR ART)

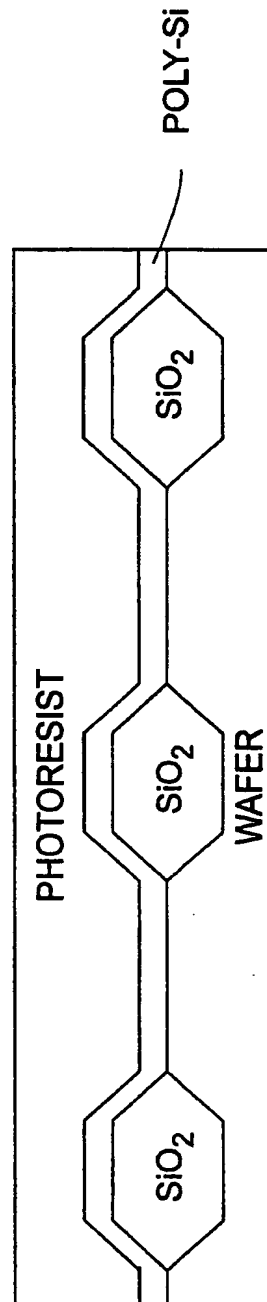
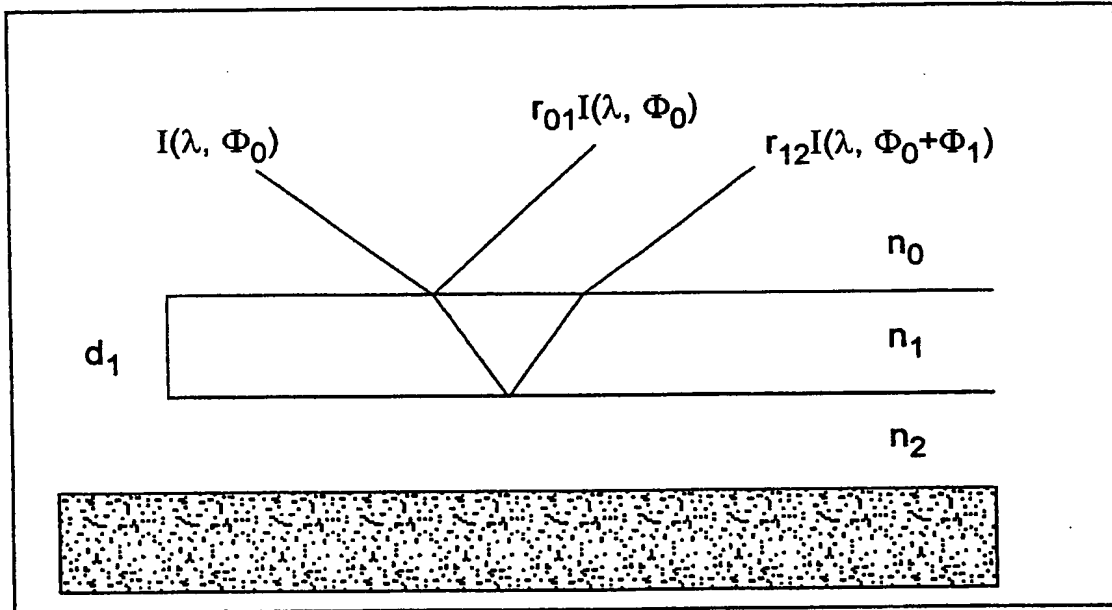
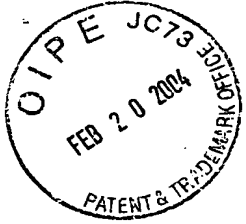


Fig. 1b (PRIOR ART)



**Fig. 2 (PRIOR ART)**

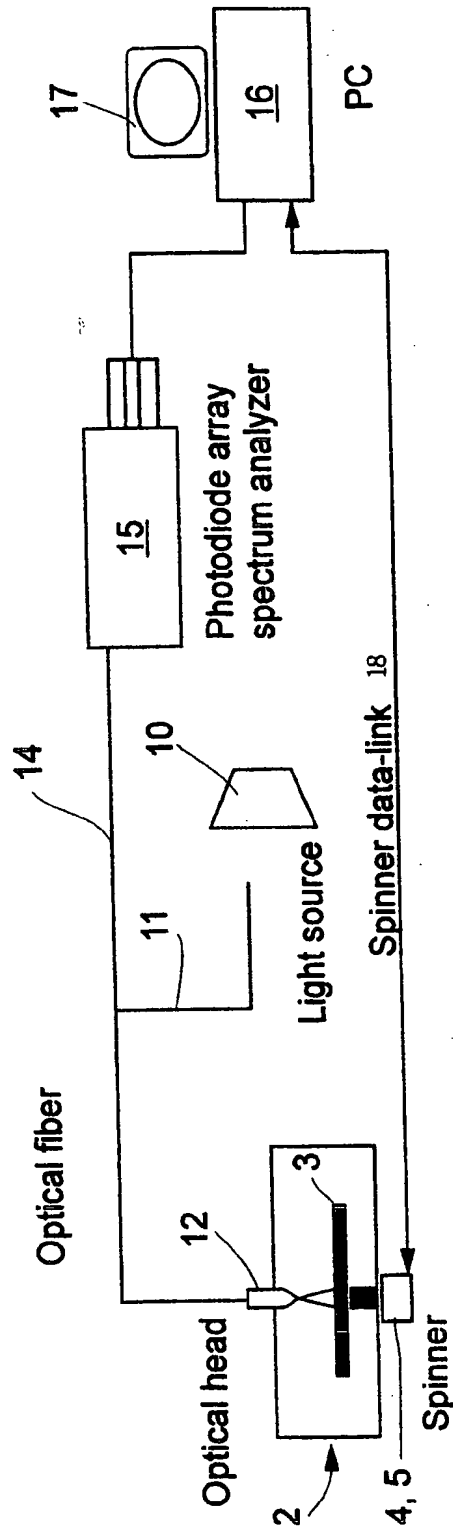
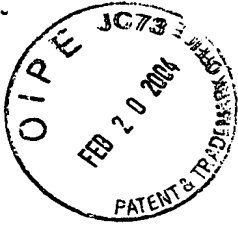


Fig. 3a

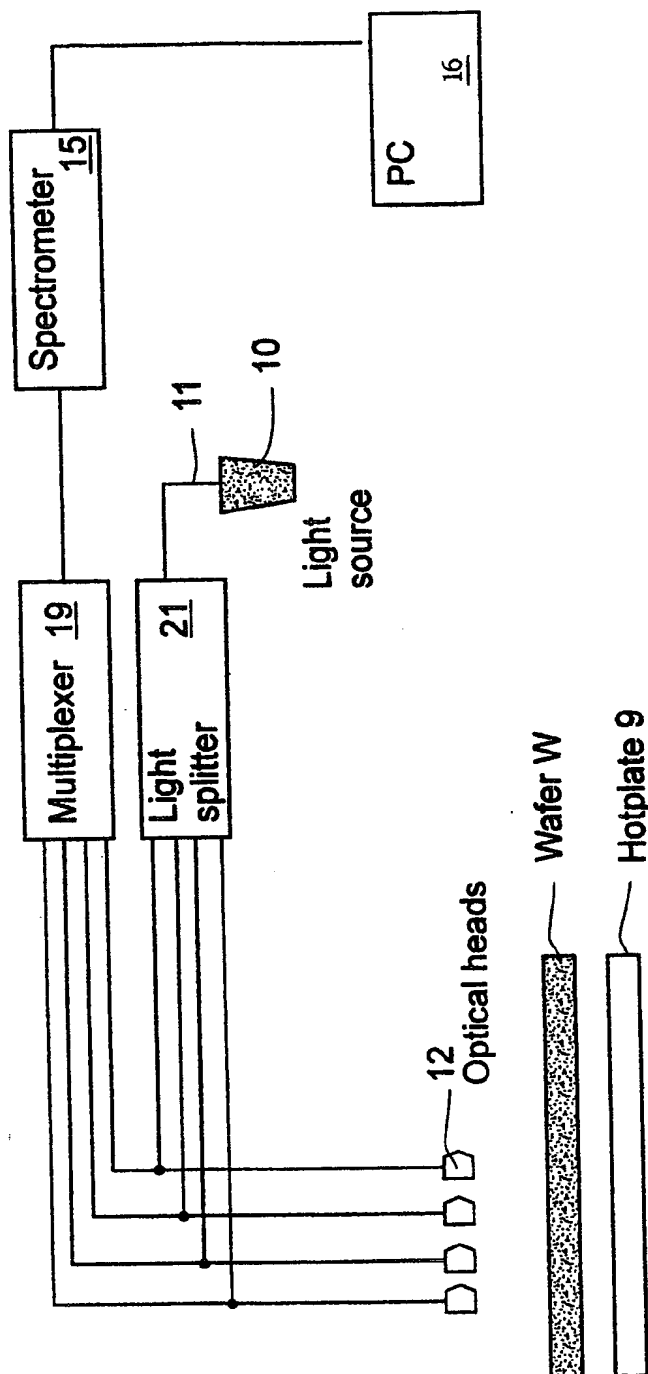
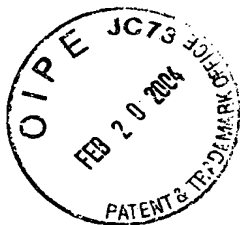


Fig. 3b

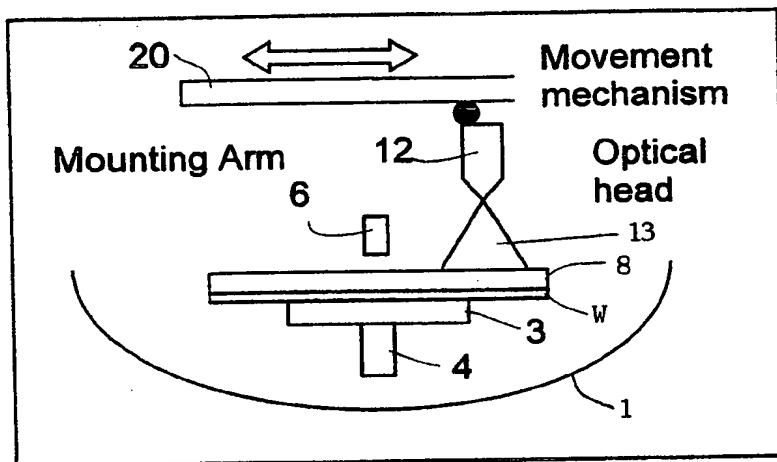
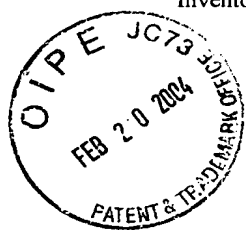


Fig. 4a

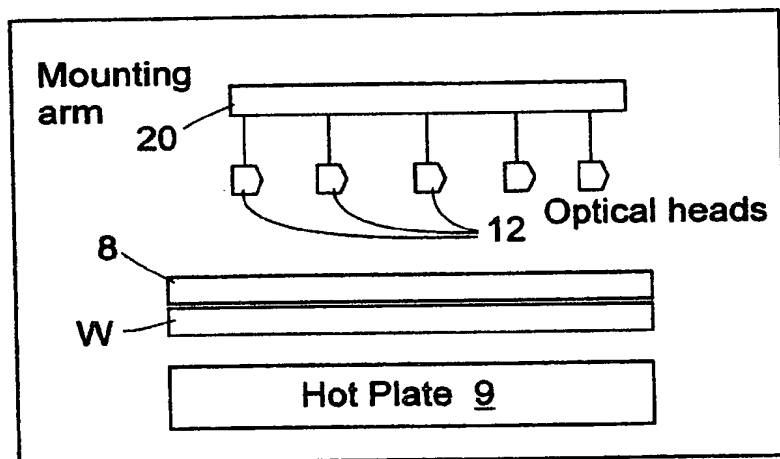


Fig. 4b

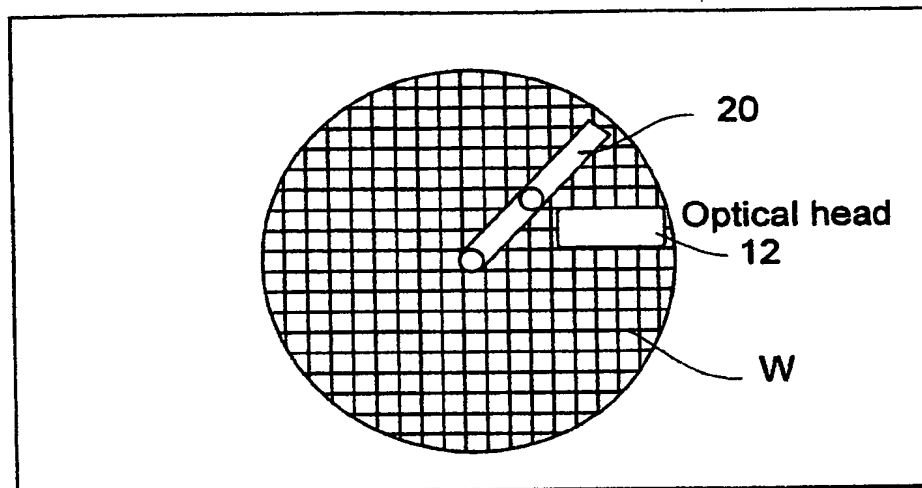
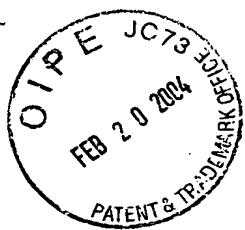


Fig. 5a

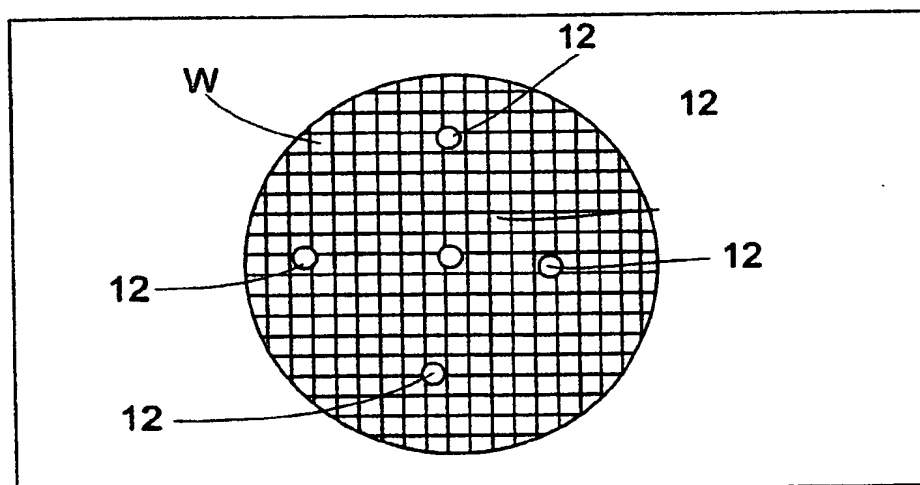


Fig. 5b

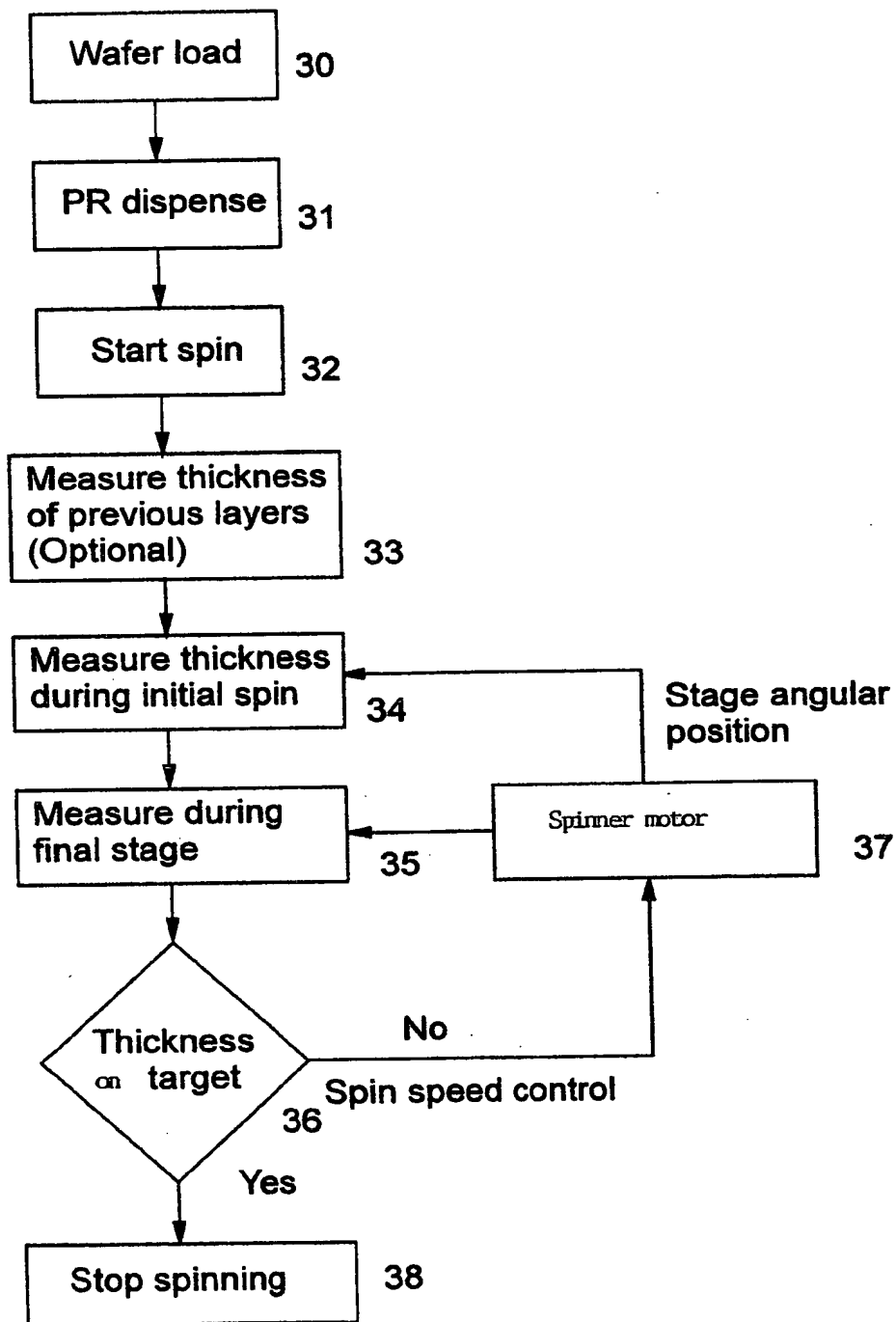
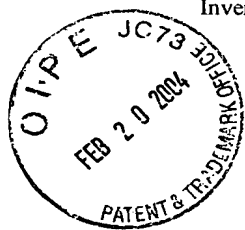


Fig. 6



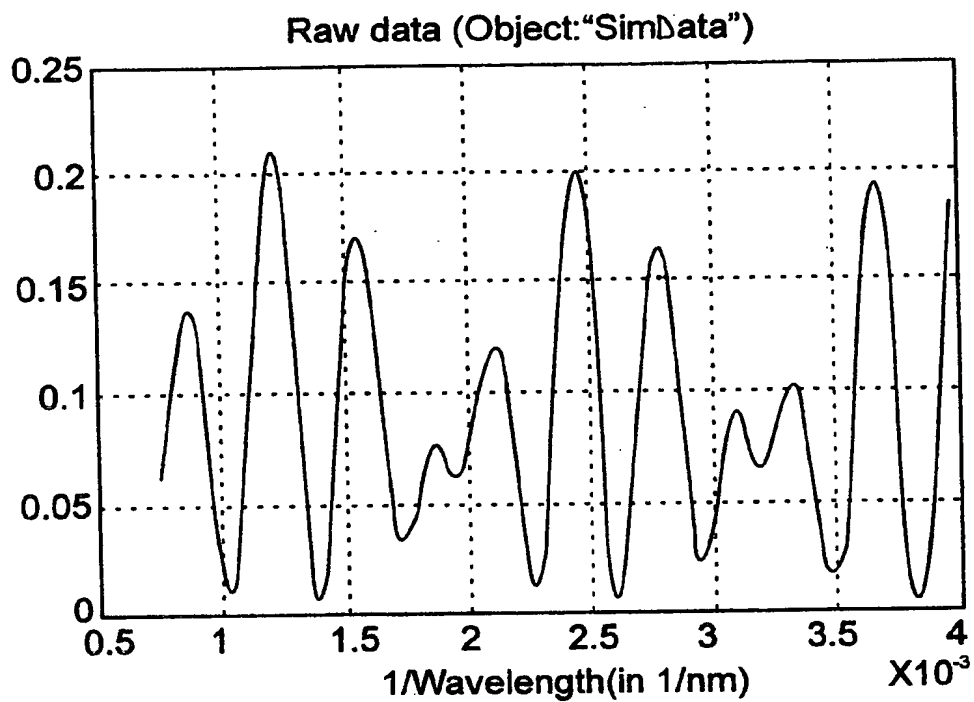


Fig. 7

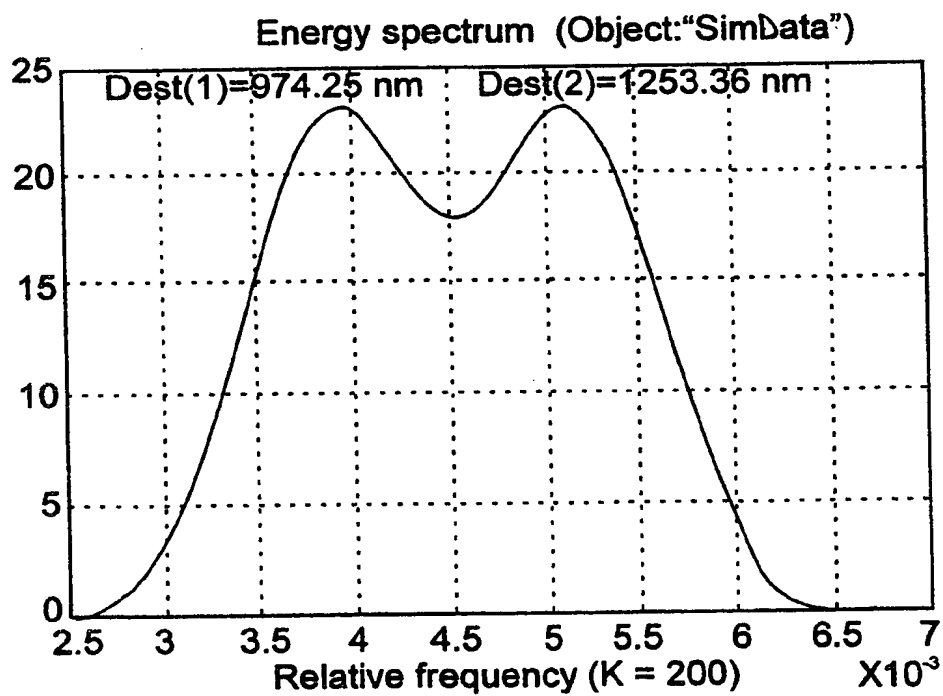


Fig. 8

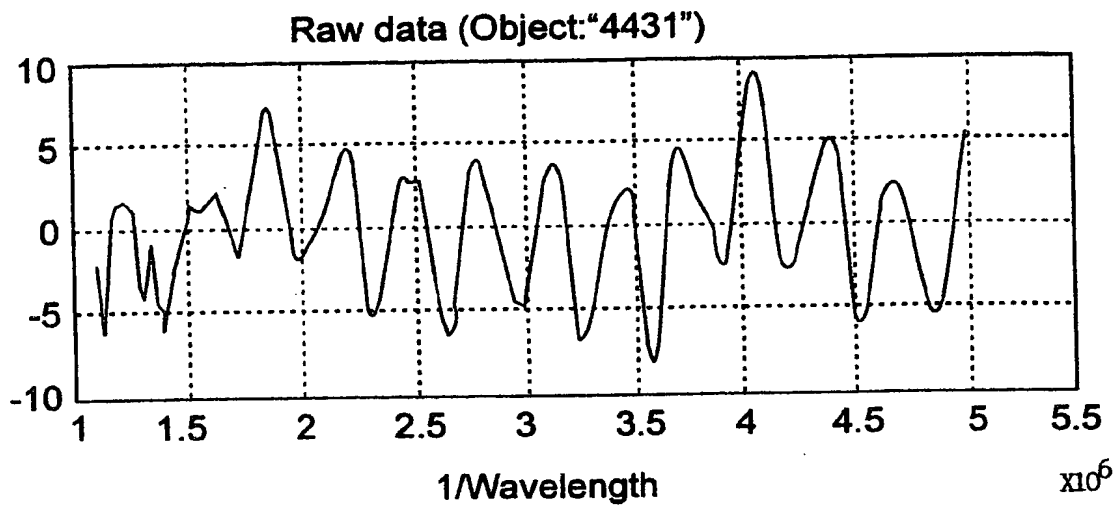
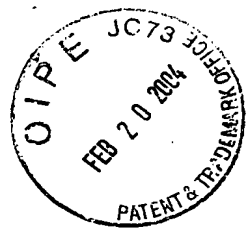


Fig. 9

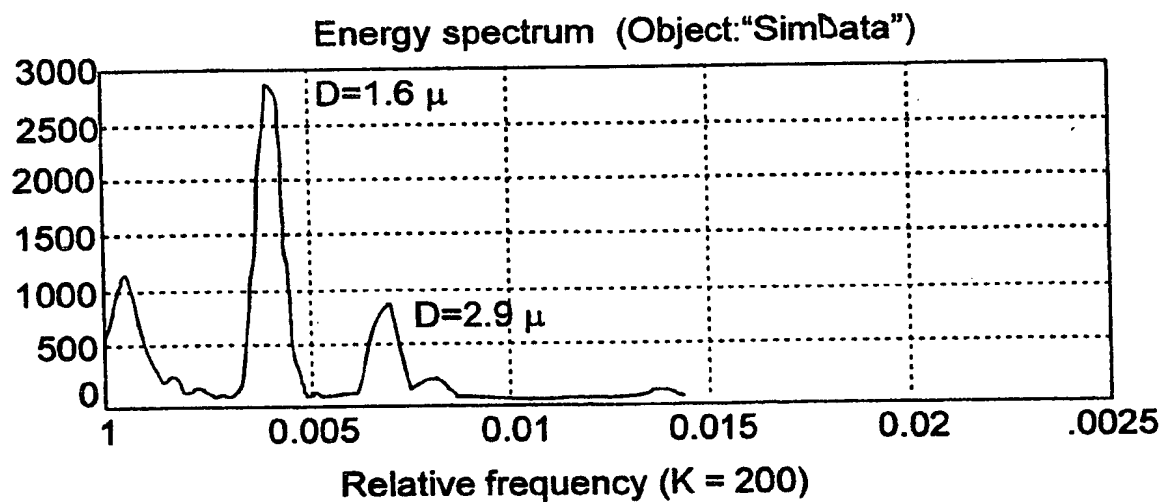


Fig. 10

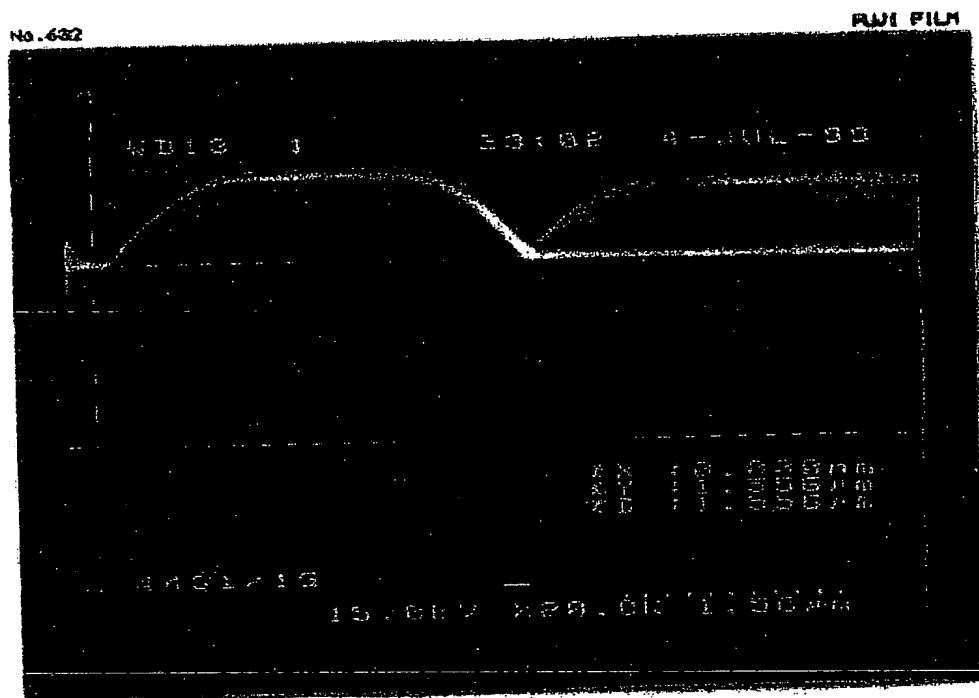
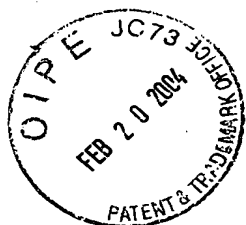


Fig. 11

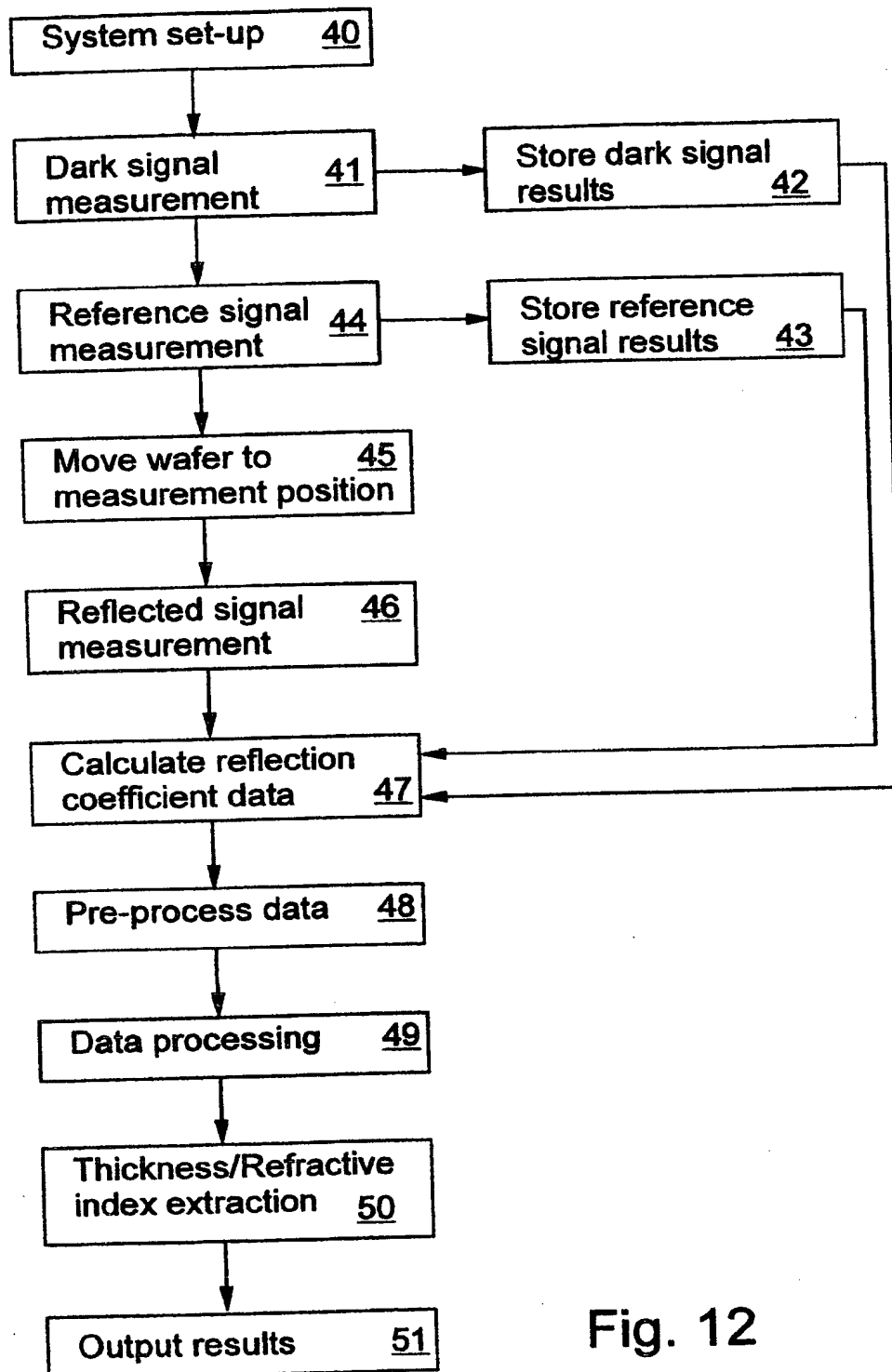
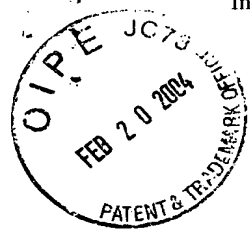


Fig. 12

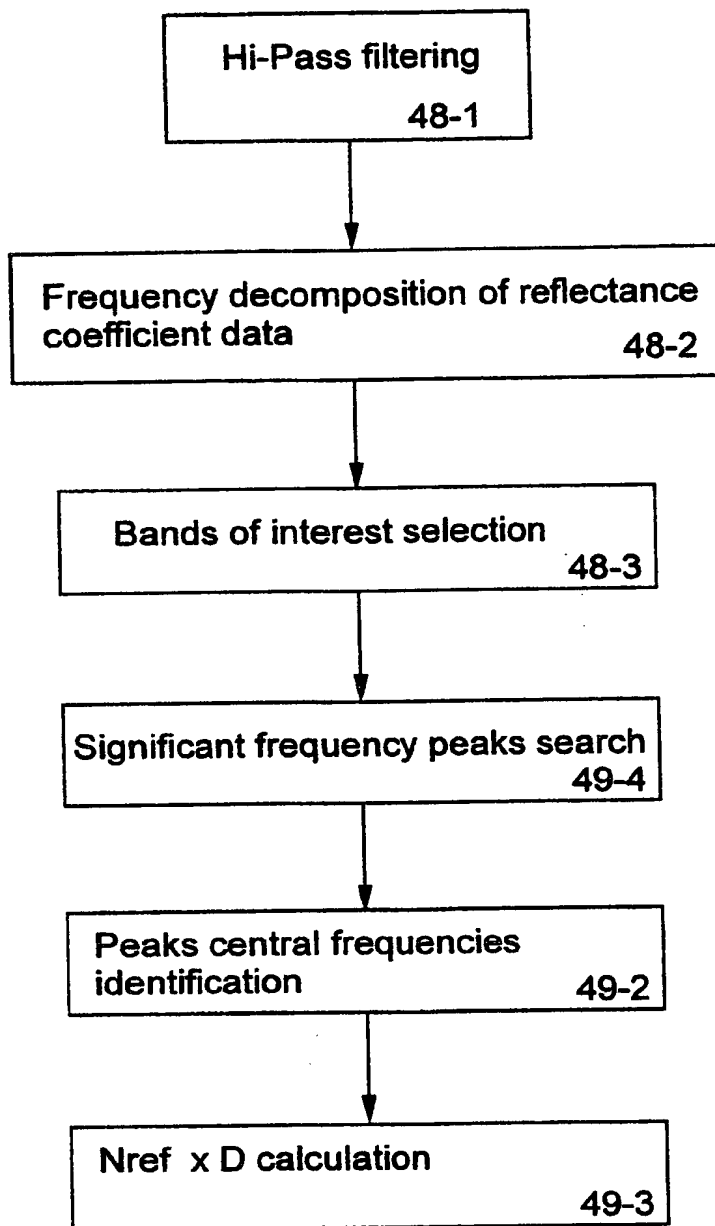
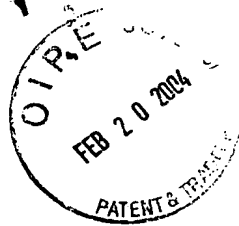


Fig. 13